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(54) Title: **POLYHYDROXYALKANOIC ACID HAVING VINYL, ESTER, CARBOXYL OR SULFONIC ACID GROUP AND  
PRODUCING METHOD THEREFOR**

(57) Abstract: The invention is to provide a novel polyhydroxyalkanoate having a reactive function group within the molecule and  
a producing method therefor In a polyhydroxyalkanoate containing a unit having a vinyl group in a side chain, such vinyl group is  
utilized for deriving a polyhydroxyalkanoate comprising a carboxyl group or a unit having an amide group and a sulfonic acid group.

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